

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ BLACK BORDERS
- ☐ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
- ☐ FADED TEXT OR DRAWING
- ☐ BLURRED OR ILLEGIBLE TEXT OR DRAWING
- ☐ SKEWED/SLANTED IMAGES
- ☐ COLOR OR BLACK AND WHITE PHOTOGRAPHS
- ☐ GRAY SCALE DOCUMENTS
- ☐ LINES OR MARKS ON ORIGINAL DOCUMENT
- ☐ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
- ☐ OTHER: _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.

L Number	Hits	Search Text	DB	Time stamp
1	25	(US-6651110-\$ or US-6262550-\$ or US-5672943-\$ or US-6445966-\$ or US-6032203-\$ or US-6180868-\$ or US-6160365-\$ or US-6539438-\$ or US-5788669-\$ or US-6480906-\$ or US-5996004-\$ or US-5206572-\$ or US-4939437-\$ or US-6449715-\$ or US-6445969-\$ or US-6360277-\$ or US-6044411-\$ or US-5613115-\$ or US-3764995-\$).did. or (US-20020151993-\$ or US-20020107751-\$ or US-20020077935-\$ or US-20030061349-\$ or US-20030052710-\$ or US-20020143437-\$).did.	USPAT; US-PGPUB	2004/09/06 10:55
2	15	((US-6651110-\$ or US-6262550-\$ or US-5672943-\$ or US-6445966-\$ or US-6032203-\$ or US-6180868-\$ or US-6160365-\$ or US-6539438-\$ or US-5788669-\$ or US-6480906-\$ or US-5996004-\$ or US-5206572-\$ or US-4939437-\$ or US-6449715-\$ or US-6445969-\$ or US-6360277-\$ or US-6044411-\$ or US-5613115-\$ or US-3764995-\$).did. or (US-20020151993-\$ or US-20020107751-\$ or US-20020077935-\$ or US-20030061349-\$ or US-20030052710-\$ or US-20020143437-\$).did.) and database	USPAT; US-PGPUB	2004/09/06 10:55
3	4	((US-6651110-\$ or US-6262550-\$ or US-5672943-\$ or US-6445966-\$ or US-6032203-\$ or US-6180868-\$ or US-6160365-\$ or US-6539438-\$ or US-5788669-\$ or US-6480906-\$ or US-5996004-\$ or US-5206572-\$ or US-4939437-\$ or US-6449715-\$ or US-6445969-\$ or US-6360277-\$ or US-6044411-\$ or US-5613115-\$ or US-3764995-\$).did. or (US-20020151993-\$ or US-20020107751-\$ or US-20020077935-\$ or US-20030061349-\$ or US-20030052710-\$ or US-20020143437-\$).did.) and database) and database same location same function	USPAT; US-PGPUB	2004/09/06 11:32
4	7	("4759123" "5654902" "5949335" "6180868" "6246919" "6466836" "6496945").PN.	USPAT	2004/09/06 10:57
5	9	6262550.URPN.	USPAT	2004/09/06 11:03
6	8	("5680025" "5726911" "5739698" "5852351" "5917428" "6077051" "6124692" "6144924").PN.	USPAT	2004/09/06 11:04
7	1	5672943.pn.	USPAT; US-PGPUB	2004/09/06 11:32
-	351	motor adj control adj center	USPAT; US-PGPUB	2004/09/03 14:49
-	22	(motor adj control adj center) and database	USPAT; US-PGPUB	2004/02/17 15:01
-	15	((motor adj control adj center) and database) and location	USPAT; US-PGPUB	2004/02/17 15:06
-	1	5672943.pn.	USPAT; US-PGPUB	2004/02/17 16:51
-	2	mcc and configurator	USPAT; US-PGPUB	2004/02/17 16:53
-	602	mcc and config\$5	USPAT; US-PGPUB	2004/02/17 16:53
-	405	(mcc and config\$5) and program\$5	USPAT; US-PGPUB	2004/02/17 16:53
-	182	((mcc and config\$5) and program\$5) and database	USPAT; US-PGPUB	2004/02/17 16:54
-	157	((mcc and config\$5) and program\$5) and database) and function and location	USPAT; US-PGPUB	2004/02/17 16:54
-	2	((mcc and config\$5) and program\$5) and database) and function and location) and motor adj controller	USPAT; US-PGPUB	2004/02/17 16:56

-	546	motor adj controller same programmable	USPAT; US-PGPUB	2004/02/17 16:58
-	226	(motor adj controller same programmable) and configur\$3	USPAT; US-PGPUB	2004/02/17 16:56
-	337	(motor adj controller same programmable) and configur\$5	USPAT; US-PGPUB	2004/02/17 16:56
-	2	((motor adj controller same programmable) and configur\$5) and mcc	USPAT; US-PGPUB	2004/02/17 16:56
-	9	((motor adj controller same programmable) and configur\$5) and database and function and location	USPAT; US-PGPUB	2004/02/17 16:57
-	43	motor adj controller same programmable same configur\$5	USPAT; US-PGPUB	2004/02/17 16:58
-	2	(motor adj controller same programmable same configur\$5) and database	USPAT; US-PGPUB	2004/02/17 16:59
-	1494	program\$4 same motor adj controller	USPAT; US-PGPUB	2004/02/17 16:59
-	61	(program\$4 same motor adj controller) and database	USPAT; US-PGPUB	2004/02/17 17:07
-	2	((program\$4 same motor adj controller) and database) and control adj center	USPAT; US-PGPUB	2004/02/17 17:08
-	55	((program\$4 same motor adj controller) and database) and location	USPAT; US-PGPUB	2004/02/17 17:08
-	0	20020151993.URPN.	USPAT	2004/02/17 17:20
-	26	configuration adj file and motor adj controller	USPAT; US-PGPUB	2004/02/17 17:30
-	848	configur\$5 same motor adj controller	USPAT; US-PGPUB	2004/02/17 17:30
-	50	(configur\$5 same motor adj controller) and database	USPAT; US-PGPUB	2004/02/17 17:34
-	351	motor adj control adj center	USPAT; US-PGPUB	2004/02/17 17:34
-	22	(motor adj control adj center) and database	USPAT; US-PGPUB	2004/02/17 17:39
-	22	motor adj control adj center and database	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 17:40
-	37	configur\$5 same plc and motor adj controller	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 17:40
-	13	(configur\$5 same plc and motor adj controller) and database	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 17:40
-	1344	700/286,86,17-18.ccls.	USPAT; US-PGPUB	2004/02/17 17:43
-	29	700/286,86,17-18.ccls. and motor adj controller	USPAT; US-PGPUB	2004/02/17 17:44
-	10	(700/286,86,17-18.ccls. and motor adj controller) and database	USPAT; US-PGPUB	2004/02/17 17:47
-	57	programmable adj component and database	USPAT; US-PGPUB	2004/02/17 17:47
-	739	(programmable adj component or programmable adj device) and database	USPAT; US-PGPUB	2004/02/17 17:48
-	62	((programmable adj component or programmable adj device) and database) and physical adj location) and configur\$5	USPAT; US-PGPUB	2004/02/17 17:48
-	71	((programmable adj component or programmable adj device) and database) and physical adj location	USPAT; US-PGPUB	2004/02/18 10:41
-	111	((programmable adj component or programmable adj device or programmable adj controller) and database) and physical adj location	USPAT; US-PGPUB	2004/02/18 10:48
-	8	((((programmable adj component or programmable adj device or programmable adj controller) and database) and physical adj location) and 700/\$.ccls.) and motor	USPAT; US-PGPUB	2004/02/18 10:43

-	12	((programmable adj component or programmable adj device or programmable adj controller) and database) and physical adj location) and 700/\$.ccls.	USPAT; US-PGPUB	2004/02/18 10:44
-	338	((programmable adj component or programmable adj device or programmable adj controller) and database) and motor	USPAT; US-PGPUB	2004/02/18 10:49
-	108	((programmable adj component or programmable adj device or programmable adj controller) and database) and motor) and (transfer or upload) and update	USPAT; US-PGPUB	2004/02/18 10:49
-	17	((programmable adj component or programmable adj device or programmable adj controller) and database) and motor) and (transfer or upload) and update) and motor adj controller	USPAT; US-PGPUB	2004/02/18 10:51
-	327	318/565.ccls.	USPAT; US-PGPUB	2004/02/18 10:51
-	184	318/565.ccls. and motor	USPAT; US-PGPUB	2004/02/18 10:51
-	3	(318/565.ccls. and motor) and database	USPAT; US-PGPUB	2004/02/18 10:54
-	4	318/565.ccls. and database	USPAT; US-PGPUB	2004/02/18 10:54
-	55	motor adj control adj center and programmable	USPAT; US-PGPUB	2004/02/18 11:20
-	16	(motor adj control adj center and programmable) and (server or database or pc)	USPAT; US-PGPUB	2004/02/18 11:20
-	0	6651110.URPN.	USPAT	2004/02/18 10:58
-	7	("4759123" "5654902" "5949335" "6180868" "6246919" "6466836" "6496945").PN.	USPAT	2004/02/18 10:58
-	1	5672943.pn.	USPAT; US-PGPUB	2004/02/18 11:00
-	2	5672943.URPN.	USPAT	2004/02/18 11:01
-	6	("3689892" "4150328" "4233666" "4289997" "4675582" "5138548").PN.	USPAT	2004/02/18 11:01
-	8	6032203.URPN.	USPAT	2004/02/18 11:16
-	10	("5414812" "5428555" "5471596" "5630101" "5634010" "5652911" "5687373" "5768119" "5793954" "5828576").PN.	USPAT	2004/02/18 11:17
-	606	motor adj control adj system and programmable	USPAT; US-PGPUB	2004/02/18 11:20
-	136	(motor adj control adj system and programmable) and (server or database or pc)	USPAT; US-PGPUB	2004/02/18 11:21
-	133	((motor adj control adj system and programmable) and (server or database or pc)) not ((motor adj control adj center and programmable) and (server or database or pc))	USPAT; US-PGPUB	2004/02/18 11:21
-	56	((motor adj control adj system and programmable) and (server or database or pc)) not ((motor adj control adj center and programmable) and (server or database or pc))) and unique	USPAT; US-PGPUB	2004/02/18 11:23
-	80	((motor adj control adj system and programmable) and (server or database or pc)) not (((motor adj control adj system and programmable) and (server or database or pc)) not ((motor adj control adj center and programmable) and (server or database or pc))) and unique)	USPAT; US-PGPUB	2004/02/18 11:23

-	6	((motor adj control adj system and programmable) and (server or database or pc)) not (((motor adj control adj system and programmable) and (server or database or pc)) not ((motor adj control adj center and programmable) and (server or database or pc))) and unique)) and database	USPAT; US-PGPUB	2004/02/18 11:25
-	1349	710/8,13,15.ccls.	USPAT; US-PGPUB	2004/02/18 11:25
-	208	710/8,13,15.ccls. and database	USPAT; US-PGPUB	2004/02/18 11:25
-	68	(710/8,13,15.ccls. and database) and programmable	USPAT; US-PGPUB	2004/02/18 13:46
-	13	("5497498" "5535342" "5539330" "5583749" "5603043" "5628028" "5784636" "5788669" "5794062" "5991822" "5999990" "6185484" "6230307").PN.	USPAT	2004/02/18 11:29
-	6	poll\$3 same programmable adj device	USPAT; US-PGPUB	2004/02/18 13:52
-	20	("4443865" "4751663" "4829297" "4876664" "5036488" "5056001" "5162986" "5225975" "5347453" "5371692" "5386567" "5408443" "5426421" "5428526" "5455409" "5465207" "5621890" "5630081" "5787306" "5996004").PN.	USPAT	2004/02/18 13:49
-	0	6480906.URPN.	USPAT	2004/02/18 13:50
-	112	load\$3 same data same programmable adj device	USPAT; US-PGPUB	2004/02/18 13:52
-	15	(load\$3 same data same programmable adj device) and database	USPAT; US-PGPUB	2004/02/18 14:19
-	351	motor adj control adj centre	USPAT; US-PGPUB	2004/02/18 14:20
-	136	(motor adj control adj centre) and component and assembl\$4 and configur\$5	USPAT; US-PGPUB	2004/02/18 14:23
-	11	((motor adj control adj centre) and component and assembl\$4 and configur\$5) and database	USPAT; US-PGPUB	2004/02/18 14:20
-	125	((motor adj control adj centre) and component and assembl\$4 and configur\$5) not (((motor adj control adj centre) and component and assembl\$4 and configur\$5) and database)	USPAT; US-PGPUB	2004/02/18 14:23
-	17	(US-5672943-\$ or US-6262550-\$ or US-6445966-\$ or US-6651110-\$ or US-6032203-\$ or US-6160365-\$ or US-6539438-\$ or US-5788669-\$ or US-6480906-\$ or US-5996004-\$ or US-5206572-\$ or US-4939437-\$).did. or (US-20020151993-\$ or US-20020107751-\$ or US-20020077935-\$ or US-20030061349-\$ or US-20030052710-\$).did.	USPAT; US-PGPUB	2004/02/18 15:08
-	2	((US-5672943-\$ or US-6262550-\$ or US-6445966-\$ or US-6651110-\$ or US-6032203-\$ or US-6160365-\$ or US-6539438-\$ or US-5788669-\$ or US-6480906-\$ or US-5996004-\$ or US-5206572-\$ or US-4939437-\$).did. or (US-20020151993-\$ or US-20020107751-\$ or US-20020077935-\$ or US-20030061349-\$ or US-20030052710-\$).did.) and mcc	USPAT; US-PGPUB	2004/02/18 15:11
-	1	6651110.pn.	USPAT; US-PGPUB	2004/02/18 15:16
-	0	imcc and database	USPAT; US-PGPUB	2004/02/18 15:17
-	8	imcc	USPAT; US-PGPUB	2004/02/18 15:22
-	6	smart same mcc	USPAT; US-PGPUB	2004/02/18 15:26

-	1175	imcs	USPAT; US-PGPUB	2004/02/18 15:26
-	0	intelligent adj motor adj control adj system	USPAT; US-PGPUB	2004/02/18 15:34
-	131	motor adj starter and plc	USPAT; US-PGPUB	2004/02/18 15:34
-	18	(motor adj starter and plc) and database	USPAT; US-PGPUB	2004/02/18 15:43
-	230	devicenet	USPAT; US-PGPUB	2004/02/18 15:43
-	0	devicenet and databse	USPAT; US-PGPUB	2004/02/18 15:43
-	62	devicenet and database	USPAT; US-PGPUB	2004/02/18 15:43
-	45	(devicenet and database) and plc	USPAT; US-PGPUB	2004/02/18 15:44
-	14	((devicenet and database) and plc) and motor	USPAT; US-PGPUB	2004/02/18 16:31
-	7	6360277.URPN.	USPAT	2004/02/18 15:48
-	3	("4749992" "5164875" "5638295").PN.	USPAT	2004/02/18 15:49
-	5574	motor adj control and network	USPAT; US-PGPUB	2004/02/18 16:32
-	487	(motor adj control and network) and database	USPAT; US-PGPUB	2004/02/18 16:32
-	8	((motor adj control and network) and database) and configurator	USPAT; US-PGPUB	2004/02/18 16:42
-	1	plc same database same configurator	USPAT; US-PGPUB	2004/02/18 16:42
-	2	programmable same database same configurator	USPAT; US-PGPUB	2004/02/18 16:43
-	20	(US-5672943-\$ or US-6262550-\$ or US-6445966-\$ or US-6651110-\$ or US-6032203-\$ or US-6160365-\$ or US-6539438-\$ or US-5788669-\$ or US-6480906-\$ or US-5996004-\$ or US-5206572-\$ or US-4939437-\$ or US-6449715-\$ or US-6445969-\$ or US-6360277-\$).did. or (US-20020151993-\$ or US-20020107751-\$ or US-20020077935-\$ or US-20030061349-\$ or US-20030052710-\$).did.	USPAT; US-PGPUB	2004/02/18 16:44
-	13	((US-5672943-\$ or US-6262550-\$ or US-6445966-\$ or US-6651110-\$ or US-6032203-\$ or US-6160365-\$ or US-6539438-\$ or US-5788669-\$ or US-6480906-\$ or US-5996004-\$ or US-5206572-\$ or US-4939437-\$ or US-6449715-\$ or US-6445969-\$ or US-6360277-\$).did. or (US-20020151993-\$ or US-20020107751-\$ or US-20020077935-\$ or US-20030061349-\$ or US-20030052710-\$).did.) and database	USPAT; US-PGPUB	2004/02/18 16:44
-	10	((US-5672943-\$ or US-6262550-\$ or US-6445966-\$ or US-6651110-\$ or US-6032203-\$ or US-6160365-\$ or US-6539438-\$ or US-5788669-\$ or US-6480906-\$ or US-5996004-\$ or US-5206572-\$ or US-4939437-\$ or US-6449715-\$ or US-6445969-\$ or US-6360277-\$).did. or (US-20020151993-\$ or US-20020107751-\$ or US-20020077935-\$ or US-20030061349-\$ or US-20030052710-\$).did.) and database) and motor	USPAT; US-PGPUB	2004/02/18 16:44

-	2	((((US-5672943-\$ or US-6262550-\$ or US-6445966-\$ or US-6651110-\$ or US-6032203-\$ or US-6160365-\$ or US-6539438-\$ or US-5788669-\$ or US-6480906-\$ or US-5996004-\$ or US-5206572-\$ or US-4939437-\$ or US-6449715-\$ or US-6445969-\$ or US-6360277-\$).did. or (US-20020151993-\$ or US-20020107751-\$ or US-20020077935-\$ or US-20030061349-\$ or US-20030052710-\$).did.) and database) and motor) and programmable and configurator	USPAT; US-PGPUB	2004/02/18 16:51
-	2746	709/224.ccls.	USPAT; US-PGPUB	2004/02/18 16:51
-	36	709/224.ccls. and motor and database	USPAT; US-PGPUB	2004/02/18 16:51
-	13	(709/224.ccls. and motor and database) and programmable	USPAT; US-PGPUB	2004/02/18 17:07
-	1719	configuration adj database	USPAT; US-PGPUB	2004/02/18 17:07
-	11	(configuration adj database) and motor adj control\$4	USPAT; US-PGPUB	2004/02/18 17:58
-	1192	713/1.ccls.	USPAT; US-PGPUB	2004/02/18 17:58
-	9	713/1.ccls. and database and configurator	USPAT; US-PGPUB	2004/02/18 18:12
-	2	6044411.pn. or 5613115.pn.	USPAT; US-PGPUB	2004/02/18 18:12
-	22	(US-5672943-\$ or US-6262550-\$ or US-6445966-\$ or US-6651110-\$ or US-6032203-\$ or US-6160365-\$ or US-6539438-\$ or US-5788669-\$ or US-6480906-\$ or US-5996004-\$ or US-5206572-\$ or US-4939437-\$ or US-6449715-\$ or US-6445969-\$ or US-6360277-\$ or US-6044411-\$ or US-5613115-\$).did. or (US-20020151993-\$ or US-20020107751-\$ or US-20020077935-\$ or US-20030061349-\$ or US-20030052710-\$).did.	USPAT; US-PGPUB	2004/02/19 09:28
-	12	((US-5672943-\$ or US-6262550-\$ or US-6445966-\$ or US-6651110-\$ or US-6032203-\$ or US-6160365-\$ or US-6539438-\$ or US-5788669-\$ or US-6480906-\$ or US-5996004-\$ or US-5206572-\$ or US-4939437-\$ or US-6449715-\$ or US-6445969-\$ or US-6360277-\$ or US-6044411-\$ or US-5613115-\$).did. or (US-20020151993-\$ or US-20020107751-\$ or US-20020077935-\$ or US-20030061349-\$ or US-20030052710-\$).did.) and assembl\$4	USPAT; US-PGPUB	2004/02/19 10:20
-	4	((US-5672943-\$ or US-6262550-\$ or US-6445966-\$ or US-6651110-\$ or US-6032203-\$ or US-6160365-\$ or US-6539438-\$ or US-5788669-\$ or US-6480906-\$ or US-5996004-\$ or US-5206572-\$ or US-4939437-\$ or US-6449715-\$ or US-6445969-\$ or US-6360277-\$ or US-6044411-\$ or US-5613115-\$).did. or (US-20020151993-\$ or US-20020107751-\$ or US-20020077935-\$ or US-20030061349-\$ or US-20030052710-\$).did.) and location same physical	USPAT; US-PGPUB	2004/02/19 10:33

-	2	((US-5672943-\$ or US-6262550-\$ or US-6445966-\$ or US-6651110-\$ or US-6032203-\$ or US-6160365-\$ or US-6539438-\$ or US-5788669-\$ or US-6480906-\$ or US-5996004-\$ or US-5206572-\$ or US-4939437-\$ or US-6449715-\$ or US-6445969-\$ or US-6360277-\$ or US-6044411-\$ or US-5613115-\$).did. or (US-20020151993-\$ or US-20020107751-\$ or US-20020077935-\$ or US-20030061349-\$ or US-20030052710-\$).did.) and coordinate	USPAT; US-PGPUB	2004/02/19 12:33
-	6	((US-5672943-\$ or US-6262550-\$ or US-6445966-\$ or US-6651110-\$ or US-6032203-\$ or US-6160365-\$ or US-6539438-\$ or US-5788669-\$ or US-6480906-\$ or US-5996004-\$ or US-5206572-\$ or US-4939437-\$ or US-6449715-\$ or US-6445969-\$ or US-6360277-\$ or US-6044411-\$ or US-5613115-\$).did. or (US-20020151993-\$ or US-20020107751-\$ or US-20020077935-\$ or US-20030061349-\$ or US-20030052710-\$).did.) and translat\$4	USPAT; US-PGPUB	2004/02/19 12:34
-	1	6262550.pn.	USPAT; US-PGPUB	2004/09/03 14:53
-	1	6230403.pn.	USPAT; US-PGPUB	2004/09/03 14:57
-	1	6651110.pn.	USPAT; US-PGPUB	2004/09/03 15:02
-	7	("4759123" "5654902" "5949335" "6180868" "6246919" "6466836" "6496945").PN.	USPAT	2004/09/03 14:58
-	60	array same programmable adj components	USPAT; US-PGPUB	2004/09/03 15:02
-	12	(array same programmable adj components) and assembly	USPAT; US-PGPUB	2004/09/03 15:02
-	1	3764995.pn.	USPAT; US-PGPUB	2004/09/03 15:06
-	3	((array same programmable adj components) and assembly) and database	USPAT; US-PGPUB	2004/09/03 15:16
-	2532	fpga and location and assembl\$3	USPAT; US-PGPUB	2004/09/03 15:16
-	99	(fpga and location and assembl\$3) and database and physical adj location	USPAT; US-PGPUB	2004/09/03 15:38
-	4	database same function same location and programmable adj components	USPAT; US-PGPUB	2004/09/03 15:40
-	0	physical adj location same function same database same programmable	USPAT; US-PGPUB	2004/09/03 15:40
-	253	physical adj location same function same database	USPAT; US-PGPUB	2004/09/03 15:40
-	124	(physical adj location same function same database) and array	USPAT; US-PGPUB	2004/09/03 15:42
-	74	((physical adj location same function same database) and array) and programmable	USPAT; US-PGPUB	2004/09/03 15:43